

IO-Link / analog converter

AO I 0 ... 20mA, M12, straight

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16Bit, IP65/67, IO-Link V1.1, Class A

Link to Product

Illustration



Product may differ from Image



Commercial data	
ECLASS-6.0	27242601
ECLASS-6.1	27242602
ECLASS-7.0	27242602
ECLASS-8.0	27242602
ECLASS-9.0	27242602
ECLASS-10.1	27242602

ECLASS-11.1	27242602
ECLASS-12.0	27242602
ETIM-5.0	EC001596
customs tariff number	85437090
GTIN	4048879588201
Packaging unit	1

Electrical data | Supply

Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Norm operating voltage	EN 61131-2
Operating voltage UA DC	24 V
Current consumption max.	19 mA

Electrical data | Output

Type Output	2-, 3-, 4-wire technology
Output current max.	0,2 A
Parameterizable input averaging filter process data	yes
Conversion time analog output max.	5 ms

Industrial communication | IO-Link

IO-Link process data length output	2 Bytes
IO-Link revision ID	V1.1
IO-Link cycle time min.	2,3 ms
IO-Link transmission rate	COM2 (38.4 kbit/s)
Port Class	A

Diagnostics

Diagnostic via IO-Link	yes
Diagnostic via LED	yes
IO-Link events	Device defect, Overcurrent sensor supply, Overtemperature, Overvoltage supply, Undervoltage supply, cable break sensor, lower limit, upper limit, Übersteuerung
LED display	Ethernet connection/data traffic
Temperature control	yes

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP65, IP67
Invers-polarity protection	yes
Short circuit protection sensor supply	yes
Short-circuit protection output	yes
Resistance to loads with regenerative power	yes
Over voltage protection	yes

Mechanical data | Material data

Material housing	Plastic
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Mechanical data | Mounting data

Height	32,3 mm
Width	77,2 mm
Depth	15 mm

Environmental characteristics | Climatic

Operating temperature min.	-30 °C
Operating temperature max.	70 °C
Storage temperature min.	-40 °C
Storage temperature max.	85 °C

Connection type 2

Connection type 1	AO
Connection type 2	IO-Link AO
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	4
PIN 1	+ US
PIN 2	n.c.
PIN 3	0 V (Analog US)
PIN 4	AOut (U / I)
Family construction form	M12
Gender	male
Color contact carrier	black
Coding	A
No. of poles	4
PIN 1	24 V DC (L +)
PIN 2	n.c.
PIN 3	0 V (L -)
PIN 4	C / Q / IO-Link